



Notice to Navigation Interests

US Army corps
Of Engineers
Buffalo District
1776 Niagara Street
Buffalo, New York 14207-3199

Notice No.

Date

Waterway

Lake Erie, Ohio

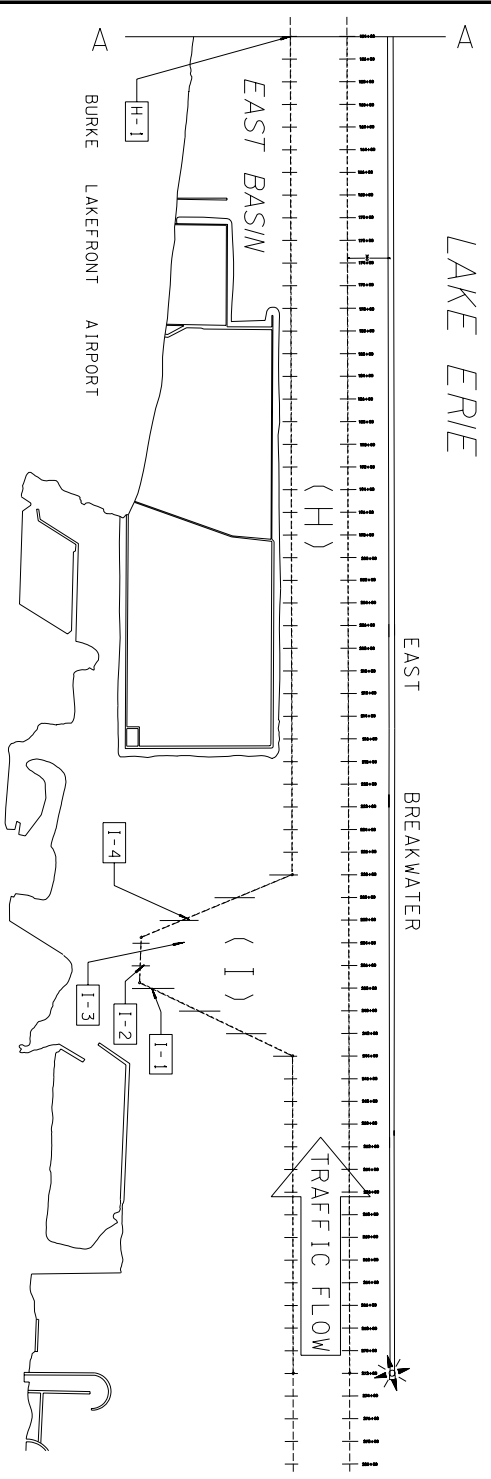
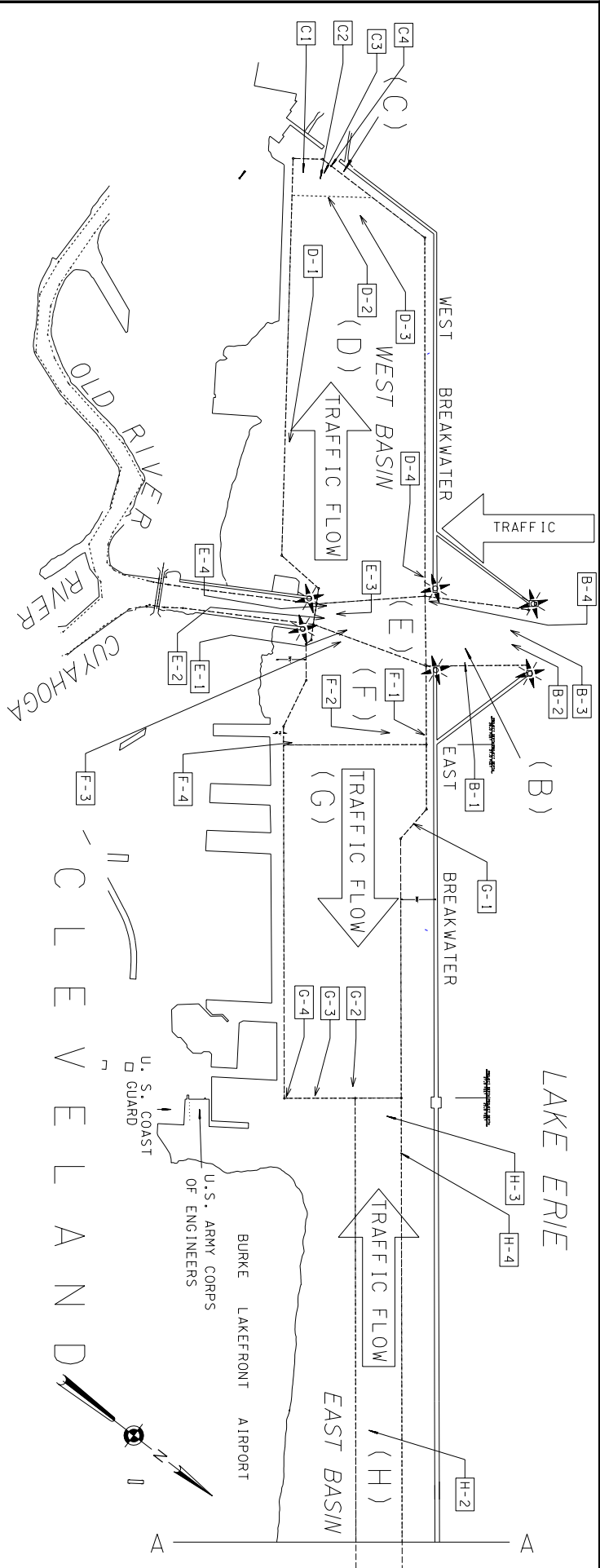
LRB-TD-ONS

Condition of Federal Navigation Channel Cleveland Harbor, Cleveland, Ohio

1. Condition surveys performed within the Federal navigation Channel at Cleveland Harbor, Ohio during the months of April and August 2003 indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawings.
2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).
3. Vessel operators are advised to use caution when navigating in this area.
4. Copies of the sounding prints for Cleveland Harbor consisting of (4) sheets, 03S-CLV-1/1 thru 1/4, at a cost of \$2.50 per sheet will be furnished upon receipt of a check in the full amount made payable to: United States Army Engineer District, Buffalo. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To obtain copies of the maps and other related materials, point your web browsers to <http://www.lrb.usace.army.mil/waterways/survey/survey.html>. Click on the link "SURVEY SECTION" to send a message containing your request.
5. Buffalo district's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Kelly L. Maccarone, Chief of the Survey Section, Buffalo District, and may be contacted by phone at 716-879-4285.

WILLIAM H. TOWNSEND, P.E.
Chief, NY/PA Navigation and
Maintenance Section

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS LESS THAN 400 FEET WIDE) (ER-1330-2-316)					PAGE 2 OF 4 PAGES			
					DATE			
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED			FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356					
RIVER/HARBOR NAME AND STATE CLEVELAND HARBOR, CLEVELAN HARBOR, OHIO					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)				
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3	4
(A) LAKE APPROACH CHANNEL.		> 600	1000 (a)	29	N/A	N/A	N/A	N/A
(B) HARBOR ENTRANCE CHANNEL.	APRIL 2003	600-700	1150	29	28.4	29.0+	29.0+	27.3
(C) WESTERLY 400 FOOT OF THE WEST BASIN.	APRIL 2003	800-330	400	28	19.8	16.8	15.4	14.8
(D) WEST BASIN, MAIN SECTION.	MAY 2003	1560- 800	4400 (b)	28	24.1	19.3	22.7	21.1
(E) BASINS & CUYAHOGA RIVER ENTRANCE CHANNEL.	MAY 2003	760-230	1200	28	27.9	28.0+	28.0+	26.4
(F) WEST SECTION OF EAST BASIN.	MAY 2003	1560	1300 (b)	28	21.1	23.9	28.0+	26.6
(G) MIDDLE SECTION OF EAST BASIN.	MAY 2003	1560- 1270	3800 (b)	27	16.0	22.0	22.5	22.1
(H) EAST SECTION OF EAST BASIN.	AUGUST 2003	500	14600	25	19.8	23.8	23.7	20.7
(I) NICHOLSON APPROACH CHANNEL.	AUGUST 2003	1600- 1400	1300 (b)	25	23.9	23.2	24.6	24.6
REMARKS: (a) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 29 FOOT CONTOUR IN LAKE ERIE. (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.								

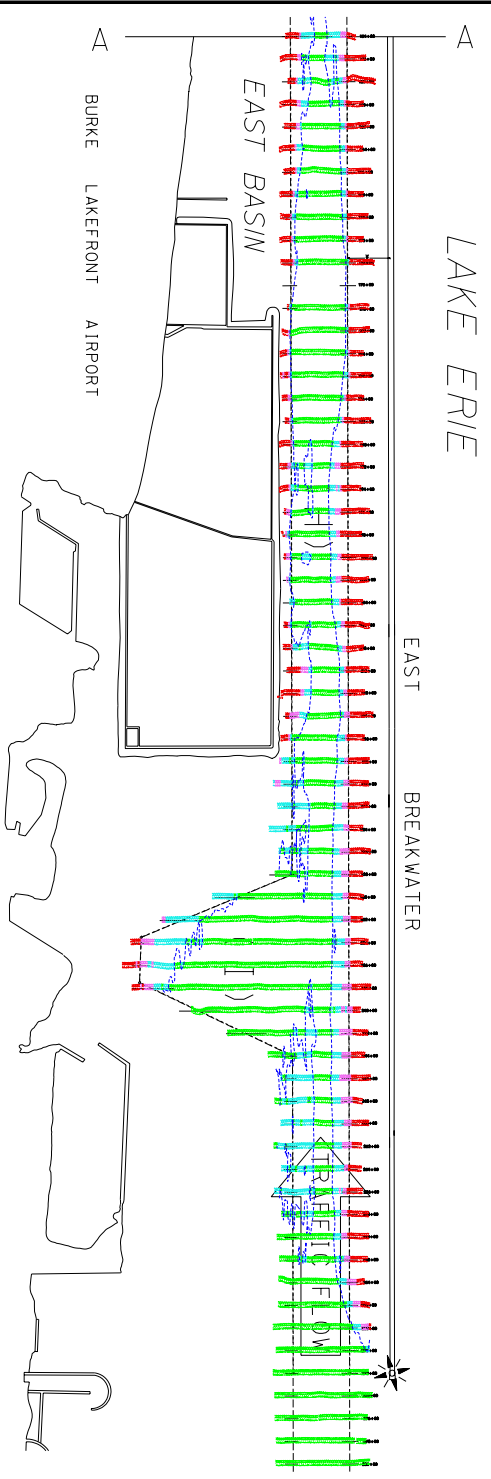
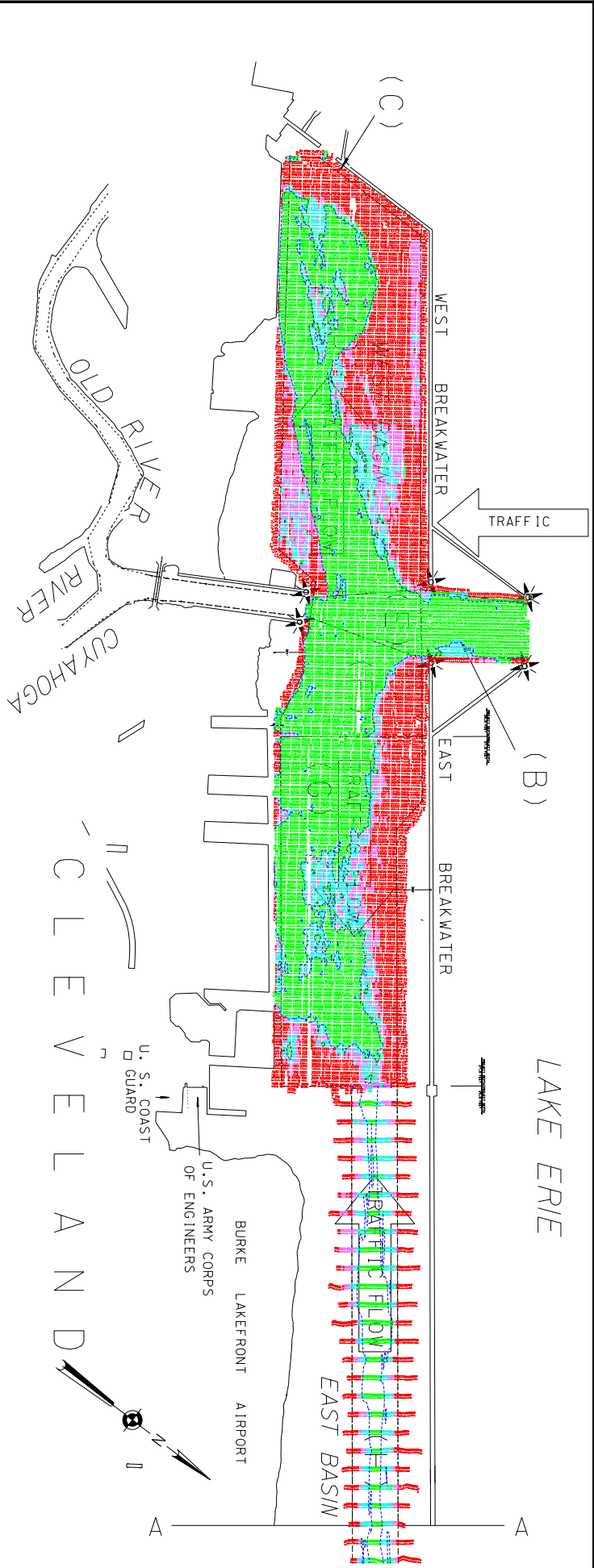


C L E V E L A N D

CLEVELAND HARBOR, OHIO
CHANNEL CONDITIONS
AFTER CONTRACT DREDGING

SCALE OF FEET
1000 0 1000 2000

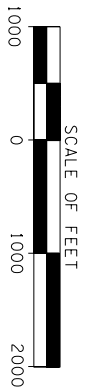
CORPS OF ENGINEERS, BUFFALO, N. Y.



LEGEND

- DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH
- DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH
- DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH

CLEVELAND HARBOR, OHIO
CHANNEL CONDITIONS



CORPS OF ENGINEERS, BUFFALO, N. Y.